



TROPICAL CYCLONE BULLETIN NO. 1

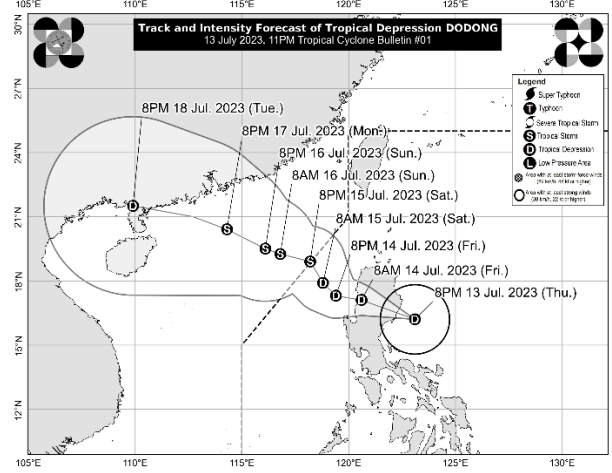
Tropical Depression DODONG

Issued at 11:00 PM, 13 July 2023

Valid for broadcast until the next bulletin at 2:00 AM tomorrow.


THE LOW PRESSURE AREA EAST OF AURORA DEVELOPED INTO TROPICAL DEPRESSION DODONG.

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| Location of Center (10:00 PM) |
| The center of Tropical Depression DODONG was estimated based on all available data over the coastal waters of Dilasag, Aurora (16.5°N, 122.6°E) |
| Intensity |
| Maximum sustained winds of 45 km/h near the center, gustiness of up to 55 km/h , and central pressure of 1000 hPa |
| Present Movement |
| North northwestward at 20 km/h |
| Extent of Tropical Cyclone Winds |
| Strong winds extend outwards up to 180 km from the center |



TRACK AND INTENSITY FORECAST

| Date and Time | Center Position | | | Intensity | | Movement dir. and speed (km/h) |
|---|-----------------|-----------|---|------------|------|--------------------------------|
| | Lat. (°N) | Lon. (°E) | Location | MSW (km/h) | Cat. | |
| 12-Hour Forecast 8:00 AM 14 July 2023 | 17.1 | 120.6 | In the vicinity of Gregorio del Pilar, Ilocos Sur | TD | 45 | WNW 25 |
| 24-Hour Forecast 8:00 PM 14 July 2023 | 17.3 | 119.4 | 130 km West Southwest of Sinait, Ilocos Sur | TD | 55 | W 10 |
| 36-Hour Forecast 8:00 AM 15 July 2023 | 17.9 | 118.8 | 175 km West of Sinait, Ilocos Sur | TD | 55 | NW 10 |
| 48-Hour Forecast 8:00 PM 15 July 2023 | 18.9 | 118.2 | 260 km West Northwest of Laoag City, Ilocos Norte (OUTSIDE PAR) | TS | 65 | NNW 10 |
| 60-Hour Forecast 8:00 AM 16 July 2023 | 19.3 | 116.8 | 490 km West of Calayan, Cagayan (OUTSIDE PAR) | TS | 75 | WNW 15 |
| 72-Hour Forecast 8:00 PM 16 July 2023 | 19.5 | 116.1 | 565 km West of Calayan, Cagayan (OUTSIDE PAR) | TS | 75 | WNW Slowly |
| 96-Hour Forecast 8:00 PM 17 July 2023 | 20.4 | 114.3 | 800 km West of Basco, Batanes (OUTSIDE PAR) | TS | 65 | WNW 10 |
| 120-Hour Forecast 8:00 PM 18 July 2023 | 21.5 | 109.9 | 1,240 km West of Extreme Northern Luzon (OUTSIDE PAR) | TD | 55 | WNW 20 |

Prepared by: 
 PCDM

Checked by: 
 RPG



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| TROPICAL CYCLONE WIND SIGNALS (TCWS) IN EFFECT | | | |
|---|---|---------|----------|
| TCWS No. | Luzon | Visayas | Mindanao |
| 1 Wind threat: Strong winds | Cagayan, Isabela, Quirino, Nueva Vizcaya, Apayao, Kalinga, Abra, Mountain Province, Ifugao, Benguet, Ilocos Norte, Ilocos Sur, La Union, the northern portion of Pangasinan (San Nicolas, San Manuel, Sison, San Fabian, Pozorrubio, Bolinao, Bani, City of Alaminos, Sual, Labrador, Lingayen, Agno, Binmaley, Dagupan City, San Jacinto, Mangaldan, Anda), the northern and central portions of Aurora (Maria Aurora, San Luis, Baler, Dipaculao, Dinalungan, Casiguran, Dilasag), and the northern and eastern portions of Polillo Islands (Panukulan, Burdeos, Patnanungan, Jomalig) | - | - |
| | Warning lead time: 36 hours Range of wind speeds: 39 to 61 km/h (Beaufort 6 to 7) Potential impacts of winds: Minimal to minor threat to life and property | | |

| HAZARDS AFFECTING LAND AREAS |
|---|
| <p><u>Heavy Rainfall Outlook</u></p> <p>Forecast accumulated rainfall from tonight to tomorrow evening</p> <ul style="list-style-type: none"> 50-100 mm: Isabela, Nueva Vizcaya, Quirino, the northern portion of Aurora, Benguet, La Union, and Pangasinan <p>Under these conditions, flooding and rain-induced landslides are possible, especially in areas that are highly or very highly susceptible to these hazard as identified in hazard maps and in localities that experienced considerable amounts of rainfall for the past several days.</p> <p>For more information on the areas affected by occasional to frequent rains from the Southwest Monsoon enhanced by DODONG refer to the Weather Advisory #3 for Southwest Monsoon issued at 11:00 PM today.</p> <p><u>Severe Winds</u></p> <p>Minimal to minor impacts from strong winds (i.e., strong breeze to near gale strength) are also possible within any of the areas where Wind Signal No.1 is currently in effect.</p> <p>The enhanced Southwest Monsoon may bring gusty conditions over the following areas (especially in coastal and upland/mountainous areas exposed to winds):</p> <ul style="list-style-type: none"> Tonight and tomorrow: MIMAROPA, Bicol Region, Western Visayas, CALABARZON, Metro Manila, and other areas of Central Luzon not under any wind signal. Saturday: MIMAROPA, Bicol Region, Western Visayas, CALABARZON, Zambales, Bataan, and Aurora Sunday: MIMAROPA, Bicol Region, Western Visayas, Cavite, Zambales, and Bataan. |
| HAZARDS AFFECTING COASTAL WATERS |
| <p>In the next 24 hours, DODONG and the enhanced Southwest Monsoon may bring moderate to rough seas over the eastern (1.5 to 2.5 m) and western (2.0 to 3.5 m) seaboard of Northern Luzon, and the western seaboard of Central and Southern Luzon (2.0 to 3.5 m). Mariners of small seacrafts are advised to take precautionary measures when venturing out to sea. If inexperienced or operating ill-equipped vessels, avoid navigating in these conditions.</p> |

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TRACK AND INTENSITY OUTLOOK

- DODONG is forecast to track generally northwestward and west northwestward and may cross the rugged landmass of Northern Luzon between tonight and tomorrow noon. After emerging over the waters west of Ilocos Region, the tropical depression is forecast to continue moving generally northwestward and may leave the Philippine Area of Responsibility on Saturday or Sunday. Due to the potential impact of land interaction on the circulation of the tropical depression, changes to the track forecast scenario in the succeeding bulletins remain likely.
- DODONG is forecast to remain a tropical depression throughout its duration in the PAR region. It may reach tropical storm category by late Saturday or early Sunday as it moves out of the PAR.

Considering these developments, the public and disaster risk reduction and management offices concerned are advised to take all necessary measures to protect life and property. Persons living in areas identified to be highly or very highly susceptible to these hazards are advised to follow evacuation and other instructions from local officials. **For heavy rainfall warnings, thunderstorm/rainfall advisories, and other severe weather information specific to your area, please monitor products issued by your local PAGASA Regional Services Division.**

The next tropical cyclone bulletin will be issued at 2:00 AM tomorrow.

DOST-PAGASA

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